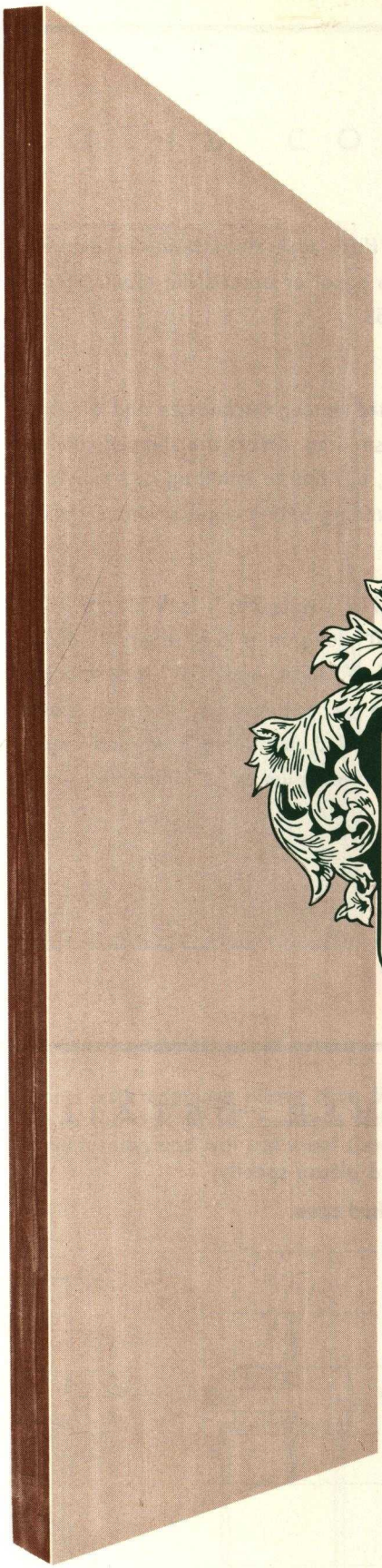
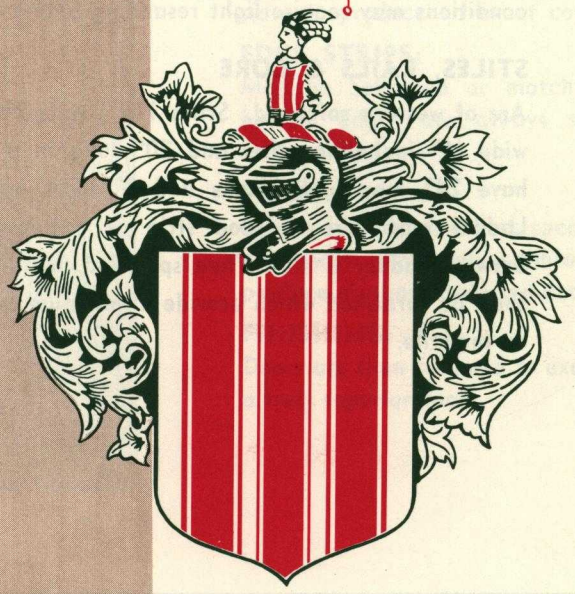


Crest Doors



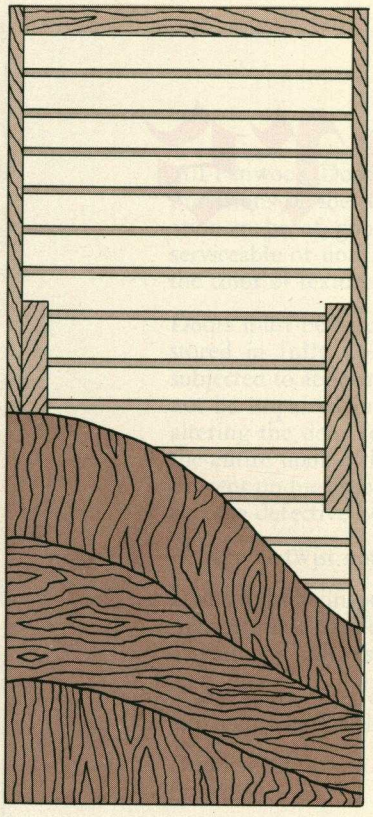
by

Superior woodwork co.

P. O. BOX 1898 SAN ANTONIO 6, TEXAS

QUALITY WOOD PRODUCTS SINCE 1866

HOLLOW CORE DOORS



Hollow core doors are a 7 ply flush type for interior or exterior use and are constructed so as to equal or exceed the requirements of commercial standards CS171-58.

FACES

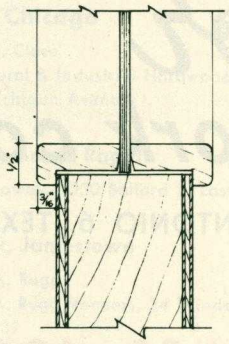
Are 3 ply construction of standard veneer thicknesses and are ⅛" or over in total thickness before sanding. Doors are shipped sanded from the factory ready for finish, but due to handling and moisture conditions may require light resanding before application of finish.

STILES, RAILS & CORE

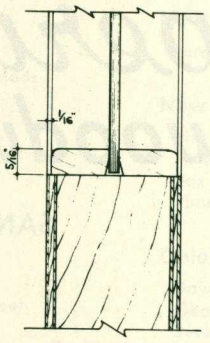
Are of western softwood. Stiles 1⅛"; rails 2½"; lock blocks 2⅞" wide (4" including stile) and 20" long in a 6'8" door, 7' doors have 24" long lock blocks and 8' doors have 36" lock blocks. Ladder type core is wood strip or composition, average space between ladder is 4". When specified, matching hardwood edges shall be furnished which provide a minimum of ½" matching wood on the stile.

STANDARD LIGHT AND LOUVER DETAILS

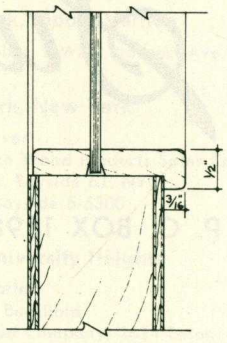
Glass stops are applied for ⅛" glass, if other thickness glass will be used please specify.
Hollow core doors have blocking as shown in detail S-245. All doors furnished open.



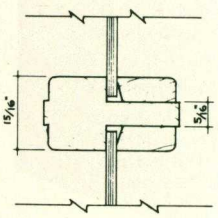
S-11
Ext. or Int.
H.C. or S.C.



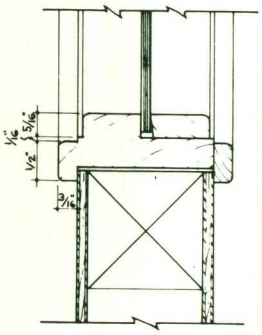
S-22
Int. (only)
H.C. or S.C.



S-12
Int.-Ext. Comb.
H.C. or S.C.

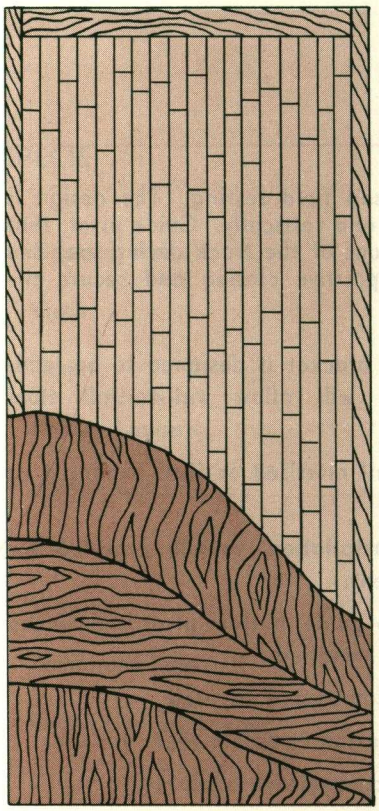


S-223
Ext. or Int.
H.C. or S.C.



S-245
Ext. or Int.
H.C. or S.C.

SOLID CORE DOORS . . . .



Crest solid core doors are manufactured by skilled personnel using modern equipment to insure a trouble free, quality product.

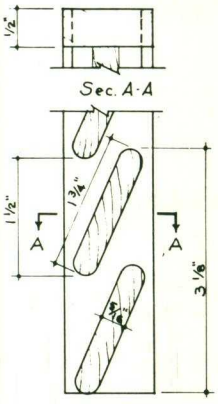
CORES:
Produced from edge grain western softwoods maximum width of core blocks 1¾", random lengths, butt joints, end joints staggered. Bonded under pressure into solid slab with urea resin glue. After cores have had several days to cure and moisture content has become stable, slabs are then surfaced to approximate thickness desired. Stiles top and bottom rails are then glued to slab with resin glue to form completed core which is drum sanded on both sides to produce an exact core thickness.

EDGE STRIPS:
May be Softwood or matching hardwood as desired. Top and bottom edges are always softwood unless specifically ordered as hardwood.

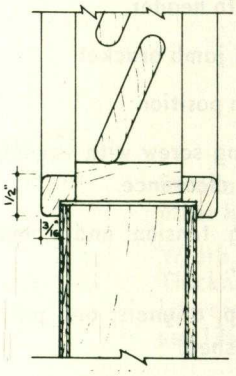
FACES:
Selected 3 ply faces of specie desired are then resin bonded to cores with accurately calibrated pressure and cured with heat to produce a sound, stablized door.

FINISHING:
Doors are then trimmed to exacting tolerances, belt sanding assures a truly superior door.

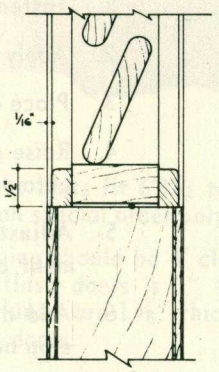
Doors with openings closer than 5" from edge, or with openings larger than 40% of the area of the door (or in the case of HC having a total height greater than one half the height of the door) are not guaranteed structurally, and will not meet Commercial Standard 171-58



LOUVER DET.



S-11L
Int.
H.C. or S.C.



S-22L
Int.
.C. or S.C. - 1¾" and thicke

Approximate Louver Heights

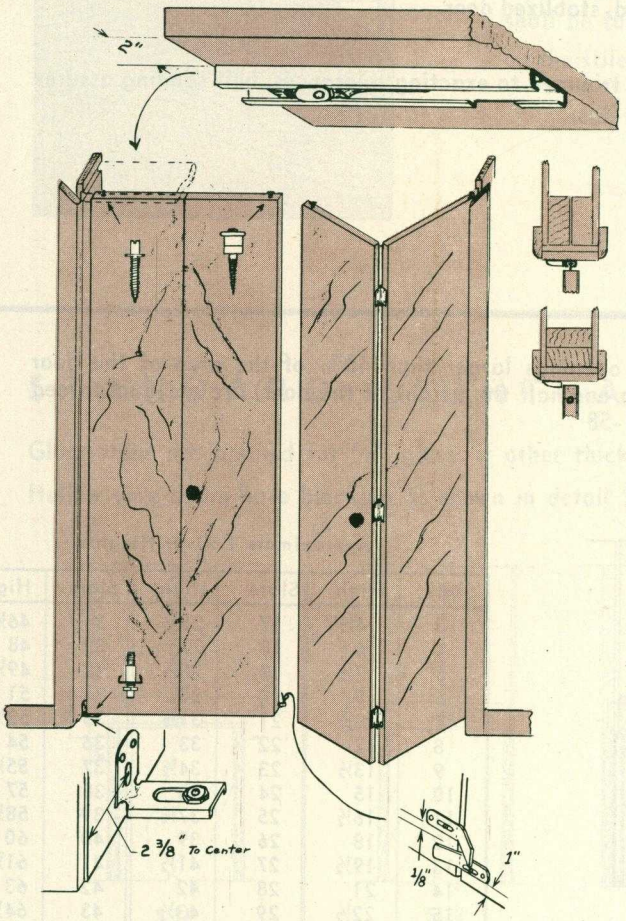
Slats	High	Slats	High	Slats	High
3	4½"	17	25½	31	46½
4	6	18	27	32	48
5	7½	19	28½	33	49½
6	9	20	30	34	51
7	10½	21	31½	35	52½
8	12	22	33	36	54
9	13½	23	34½	37	55½
10	15	24	36	38	57
11	16½	25	37½	39	58½
12	18	26	39	40	60
13	19½	27	41½	41	61½
14	21	28	42	42	63
15	22½	29	43½	43	64½
16	24	30	45	44	66

FOLDING DOOR

Features

Crest folding door units are the result of months of study, engineering and field testing. The design is such that the customer is provided a full adjustable unit, both horizontally and vertically. Guide pivot, that rides in the track, is a spring loaded self adjusting part that cannot come out of the track during use, and provides support to the door. Concealed spring loaded top pivots insure positive closing and secure the doors in closed position.

- Specially Designed Extruded Aluminum Track.
- All Pivot and weight-bearing points have nylon bushings for smooth, effortless performance.
- Track fits neatly behind standard 7/16" stop, eliminates special millwork — requires minimum headroom.



- Bottom Jamb bracket is designed to be load-carrying and will allow wall-to-wall floor covering.
- Hinges are full mortised or flush mounted as ordered.
- Screwdriver installation, wrench provided for final adjustment.
- Top pivot, top guide, bottom pivot and hinges are all factory installed.
- Stock 6'8½" jambs may be used.
- Packaged in carton complete ready for use.
- All Hardware concealed.
- No bottom track required.

INSTALLATION INSTRUCTIONS

1. Fasten track to header.
2. Apply bottom jamb bracket.
3. Place doors in position.
4. Raise adjusting screw with wrench provided to obtain proper clearance.
5. Adjust spring tension and complete adjustment of doors.
6. Add door stop, aligners, and pulls. (Pulls and stop not furnished)

UNITS

SPECIE

Oriental Ash

Birch

Gum

Rotary Lauan

Ribbon Lauan

Oak

Walnut

Ponderosa Pine and

Lauan Louvered types

Others on special order

EDGES

Western Softwood

(Matching Edges on Special order)

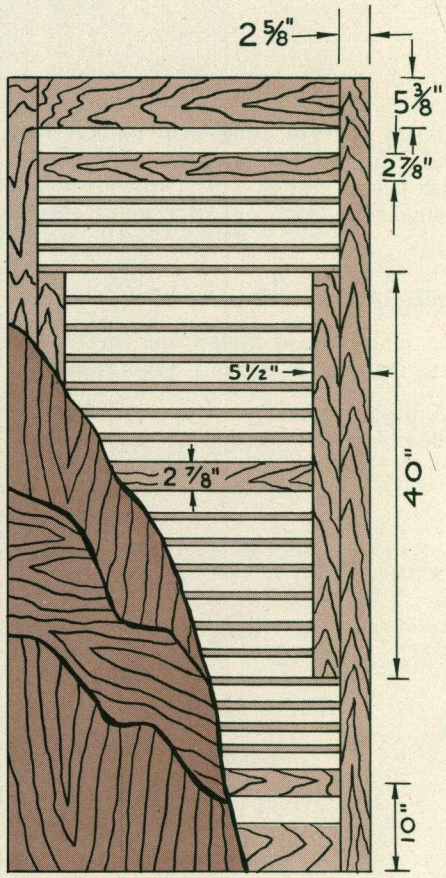
Standard Widths	*Doors per opening*
2'-0"	2
2'-6"	2
3'-0"	2
4'-0"	4
5'-0"	4
6'-0"	4

SIZES

Standard height units fit 6'8½ to 6'9" openings (measure finish floor to header) other heights on special order only.

Width of opening should be 4' clear for 4' unit – 5' for 5' unit, etc. Thickness of flush doors is 1" for 2'-0" through 6'-0" width, 6'8" high units. Louvered type units are 1⅛" thick. Special units over 6' wide and 6'8" high may use 1⅜" thick doors.

INSTITUTIONAL HOLLOW CORE DOORS



Crest Institutional doors are 7 ply Hollow Core type with 3 ply faces of standard construction. Faces are well sanded, and may be made of any desired specie including Ash (Sen), Gum, Rotary or Ribbon Lauan, Oak and Walnut, etc.

CONSTRUCTION:

Stiles and rails are of softwood. When specified, hardwood edge strips shall be laminated to stiles and shall be ½" wide after sizing. Sketch at left gives dimensions of parts after sizing.

TYPES:

Doors are produced in all standard sizes either 1⅜" or 1¾" thick. Doors are fully reversable so that the identity of top or bottom need not cause job error.

GLUE:

All doors are made with special type 11 glue and are suitable for exterior use when covered on all six surfaces with waterproof finish. Type 1 glue is also available on special order.

SPECIAL STILE WIDTH:

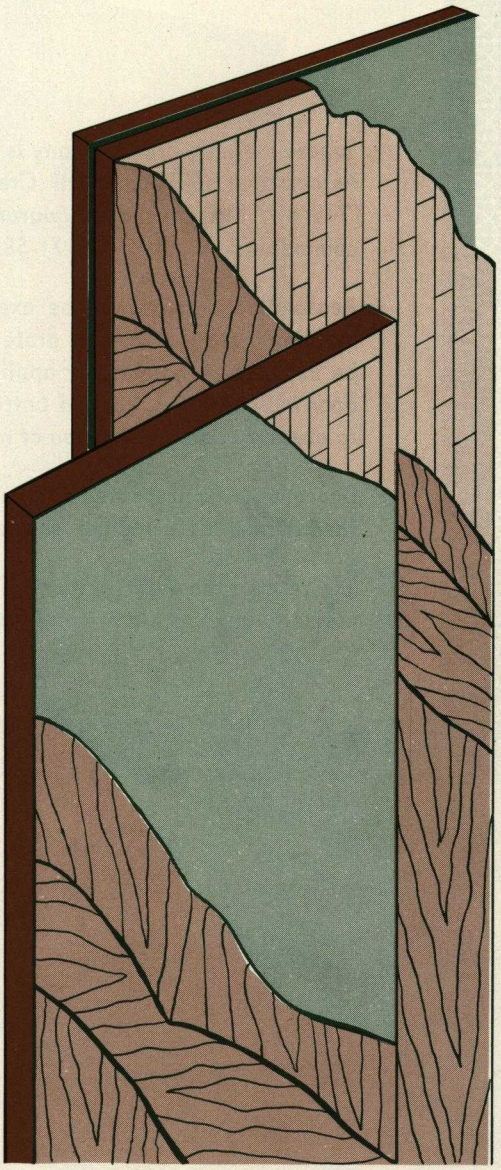
When a job requires wider stiles; 4' and 5½" widths are also available on special order.

Crest Institutional doors are especially designed for architectual jobs where light weight, strength and durability are required, and for jobs where special hardware (kick plates, door closers, flush hinges, etc.) may be specified.

LEAD LINED DOORS (Custom)

For X-ray laboratories, hospitals, Atomic research, etc., lead lining is continuous from edge to edge. Two sheets of lead are used, one under each face (9 ply construction). The door is specified by the total thickness of lead required. Doors 2" and over in thickness may use a single sheet of lead centered in the core. The door is otherwise constructed in the same manner as Crest solid wood core doors. Special technical adhesives are used to provide permanent bond between wood and lead, thus eliminating perferation required when bolts, rivets, etc., are used.

Lbs. Lead per sq. ft.	*Total thickness of Lead*
4#	1/16"
8#	1/8"
12#	3/16"
16#	1/4"



PLASTIC FACE DOORS (Custom)

High pressure laminates. For hotels, hospitals, cafes, schools, etc. Crest plastic face doors outlast ordinary doors, and will save on maintenance throughout the life of the installation. Doors require no finish, kick plates nor push plates; a simple cleaning cloth is the only maintenance required.

Door size is limited by brand and pattern of plastic selected.

Construction is identical to Crest solid wood core door. Heavy cross banding is first banded to the core, sanded smooth; after which plastic faces are applied.

WOOD EDGE TYPE:

Manufactured to standard tolerances and trimmed at time of installation by contractor. Edges may be specified as a blending colored wood or as a contrasting specie of wood.

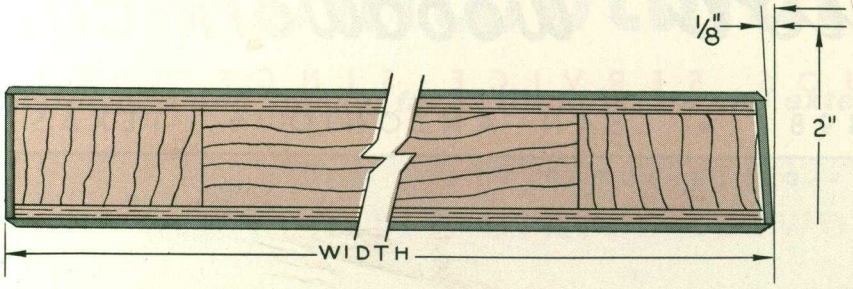
Width – 3/16" less than standard

Height – 1/8" less than standard

Lock Edge – beveled at slope of 1/8" per 2"

PLASTIC EDGE TYPE:

Are factory prefit and beveled per commercial standards (bevel on doors 1 3/8" and thicker). Be sure and specify exact size of opening.



Width – 3/16" less than standard

Height – 1/8" less than standard

Lock Edge – beveled at slope of 1/8" per 2"

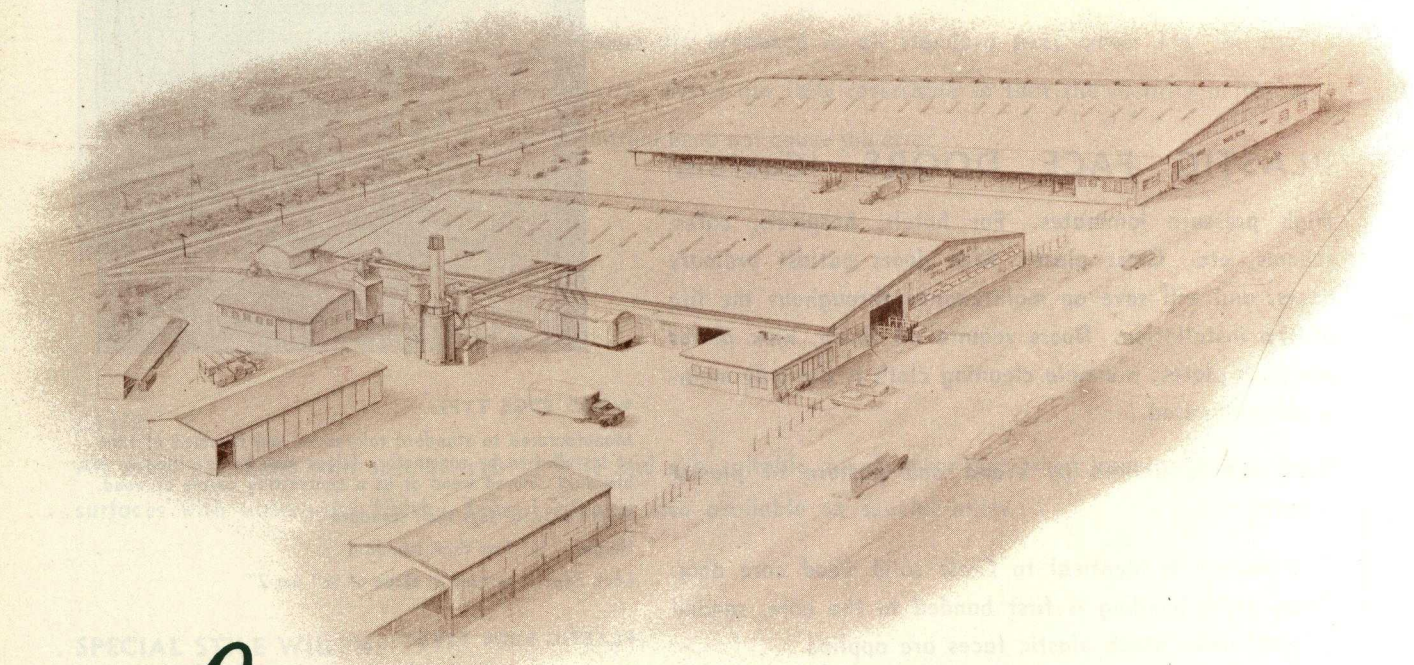
Guarantee

Superior Woodwork Company is a member of the National Woodwork Manufacturers Association #217 and all Crest doors are guaranteed fully in accordance with "NWMA Standard door guarantee" and are produced to comply with applicable commercial standards CS171-58.

Reasonable care should be exercised by the purchaser — store and hang in dry buildings, store flat with protection on both faces, structural strength should not be impared by hanging or application of hardware. *Immediately after fitting entire door including the top and bottom must receive two coats of paint, varnish or sealer to prevent undue absorption of moisture.*

Doors must be inspected at time of delivery for visable defects and any complaints filed immediately and before use.

We reserve the right to modify or change construction methods at any time without notice to improve quality and servicability of our products.



Superior woodwork co.

CONTINUOS SERVICE SINCE 1866

P. O. BOX 1898 • SAN ANTONIO 6, TEXAS

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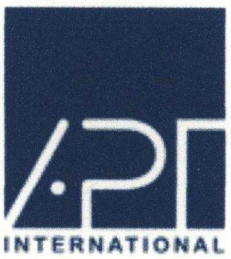

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